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Meteorological Observations made at the Apartments of the Royal Society by the Assistant Secretary, Mr. ROBERTON; *by* Mr. THOMPSON *at the Garde of the Horticultural Society at Chiswick, near London; by* Mr. VEALL *at Boston, and by* Mr. DUNBAR *at Applegarth Manse, Dumfries-shire.*

Days of Month. 1839. Dec.	Barometer.					Thermometer.							Wind.				Rain.				Dew point.
	London: Roy. Soc. 9 a.m.	Chiswick.		Boston. 8½ a.m.	Dumfries-shire.	London: Roy. Soc.		Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		London: Roy. Soc. 9 a.m.	Chiswick 1 p.m.	Bost.	Dumfries-shire.	London: Roy. Soc. 9 a.m.	Chiswick.	Boston.	Dumfries-shire.	Lond.: Roy. Soc. 9 a.m.
		Max.	Min.		9 a.m.	8½ p.m.	Fahr. 9 a.m.	Self-register. Max.	Min.	Max.	Min.		Max.	Min.							
1.	29·708	29·810	29·724	29·30	29·51	29·63	37·7	38·4	37·6	41	29	34	40	34½	E.	SE.	calm	ENE.	...	...	...	...	38
2.	29·882	29·992	29·890	29·54	29·78	29·90	38·8	39·4	37·2	42	33	37	36½	28½	E.	NW.	calm	E by N.	...	...	...	...	36
3.	29·960	29·985	29·962	29·61	29·92	29·89	38·8	39·4	35·8	39	27	39	44	31	S.	SW.	calm	NE.	...	...	·11	...	38
4.	29·830	29·963	29·835	29·48	29·78	29·82	34·3	34·6	32·0	38	30	35	36½	34½	NNW.	N.	calm	E.	·038	...	·08	...	34
5.	30·096	30·487	30·124	29·67	29·92	30·06	36·7	37·2	33·3	37	28	34	36	27½	SW.	NW.	calm	NE.	...	...	...	...	33
● 6.	30·364	30·508	30·397	29·94	30·19	30·15	36·7	37·3	36·0	37	32	32	38½	32	W.	S.	calm	NE.	...	·01	·10	0·00	35
7.	30·332	30·366	30·239	29·95	30·10	30·05	34·9	35·3	34·2	42	28	35	35½	30½	E.	SE.	calm	E.	...	...	...	...	33
8.	30·096	30·124	30·014	29·83	30·00	29·97	35·4	35·9	33·4	35	31	36·5	36½	31½	E.	E.	calm	E.	...	...	...	...	32
9.	29·830	29·860	29·712	29·60	29·81	29·65	34·9	36·0	34·7	37	32	35	36	32	NW.	NE.	calm	ENE.	...	...	...	...	31
10.	29·606	29·651	29·637	29·35	29·50	29·45	34·2	36·7	34·2	42	34	34	37	34	E.	E.	SW.	E.	...	...	...	...	31
11.	29·664	29·598	29·326	29·24	29·45	29·33	42·4	43·0	34·3	46	39	41	42	32	E.	SE.	calm	ENE.	...	·09	·14	...	37
12.	29·248	29·286	29·190	29·	29·18	29·10	44·8	45·3	41·9	48	35	42	45	39	E.	S.	E.	E.	·083	·10	·03	...	39
☽ 13.	29·294	29·311	29·277	28·87	29·10	29·09	43·3	46·4	41·3	48	42	38	46	38½	S.	S.	calm	E.	·061	·16	·09	...	40
14.	29·230	29·400	29·247	28·79	29·07	29·30	44·2	44·4	42·3	49	30	43	40½	40	S.	SW.	calm	S by W.	·250	...	...	0·48	39
15.	29·590	29·596	29·427	29·15	29·40	29·42	39·3	40·0	38·8	43	41	36	42	32	SW.	SE.	calm	S.	...	·09	...	...	36
16.	29·696	30·083	29·713	29·20	29·63	29·89	40·3	40·5	38·8	44	30	36	40	32	W.	SE.	calm	SSW.	·122	...	...	...	38
17.	30·074	30·094	29·868	29·64	29·89	29·63	38·3	38·8	37·4	44	31	34	38	32½	NE.	SE.	calm	E by S.	...	·28	...	...	37
18.	29·516	29·530	29·376	29·17	—	—	35·2	35·5	34·7	42	41	38·5	—	—	E.	SE.	E.	—	...	...	...	...	32
19.	29·418	29·426	29·356	28·98	—	—	47·7	48·4	34·7	55	50	46	—	—	S.	S.	calm	—	·333	·27	·29	...	40
○ 20.	29·282	29·480	29·262	28·82	—	—	51·3	51·7	47·3	55	46	51·5	—	—	S.	S.	calm	—	·322	·06	·12	...	46
21.	29·552	29·566	29·561	28·96	—	—	47·3	47·7	46·6	53	46	46	—	—	S.	SW.	calm	—	·180	·20	·06	1·56	45
22.	29·550	29·547	29·376	28·95	29·99	—	49·9	50·6	46·8	55	47	47	—	—	SW.	SW.	calm	—	·061	·06	·01	...	49
23.	29·586	29·586	29·333	28·95	—	—	48·6	49·3	48·4	57	48	47·5	—	—	S.	S.	W.	—	·125	·47	·11	...	48
24.	29·244	29·416	29·302	28·64	28·73	—	53·4	54·6	48·5	54	44	55	—	—	S.	SW.	W.	—	·288	·01	·35	...	52
25.	29·528	29·568	29·530	28·39	29·02	29·43	47·7	49·4	45·9	48	28	42	—	—	S.	W.	W.	W.	...	...	...	...	48
26.	29·732	29·728	29·322	29·28	29·49	29·45	40·7	41·2	38·3	54	38	34	37	30	S.	E.	calm	E.	...	·39	...	...	42
☾ 27.	29·342	29·577	29·386	28·90	29·30	29·42	47·2	47·8	39·4	46	29	42	34	29½	W.	NW.	calm	NE.	·305	·13	·18	...	45
28.	29·752	30·062	29·759	29·30	29·52	29·79	35·7	36·0	35·8	39	24	33	34½	21¼	NW.	W.	calm	WNW.	·158	...	...	1·63	40
29.	30·280	30·440	30·320	29·81	30·08	30·26	33·3	33·5	32·2	40	21	32	35	26	W.	W.	calm	NW.	...	...	...	...	33
30.	30·398	30·436	30·163	30·08	30·14	29·80	32·3	35·2	32·0	44	34	29	35	21½	SW.	SE.	calm	ESE.	...	...	...	...	33
31.	29·924	29·975	29·727	29·45	29·41	29·33	44·8	45·3	32·0	52	45	42	44½	34	S.	S.	S.	SSW.	...	...	·10	...	38
Mean.	29·729	29·821	29·656	29·28	29·58	29·65	41·0	41·8	38·4	45·35	31·96	38·9	38·7	31·4					Sum. 2·226	2·32	1·77	3·67	Mean. 38·6